



PATENT
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IN THE U.S. PATENT AND TRADEMARK OFFICE

Applicant: William E. RUSSELL et al. Conf.: 8107
Appl. No.: 10/608,086 Group: 3641
Filed: June 30, 2003 Examiner: R. Palabrica
For: SYSTEM AND METHOD FOR CONTINUOUS OPTIMIZATION
OF CONTROL VARIABLES DURING OPERATION OF A
NUCLEAR REACTOR

AMENDMENT

U.S. Patent and Trademark Office
220 20th Street S.
Customer Window, Mail Stop Amendment
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

September 13, 2004

Sir:

In reply to the non-final Office Action dated June 11, 2004, the period for a reply having been extended three months to expire on September 11, 2004, the following amendments and remarks are submitted under 37 C.F.R. §1.112. In view of these, Applicants request reconsideration and further examination culminating in a Notice of Allowability.

Amendments to the Claims begin on page 2 of this paper.

Remarks begin on page 5 of this paper.